Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
Data File : VD078631.D
Acq On : 11 Mar 2024 17:12
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:39:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	100	0.00
2	T	Dichlorodifluoromethane	50.000	45.455	9.1	93	0.00
3	P	Chloromethane	50.000	49.391	1.2	95	0.00
4	C	Vinyl Chloride	50.000	44.744	10.5#	96	0.00
5	T	Bromomethane	50.000	39.353	21.3	90	0.00
6	T	Chloroethane	50.000	45.776	8.4	99	0.00
7	T	Trichlorofluoromethane	50.000	45.568	8.9	101	0.00
8	T	Diethyl Ether	50.000	47.975	4.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.018	10.0	99	0.00
10	T	Methyl Iodide	50.000	44.531	10.9	88	0.00
11	T	Tert butyl alcohol	250.000	242.250	3.1	108	0.00
12	CM	1,1-Dichloroethene	50.000	47.410	5.2#	99	0.00
13	T	Acrolein	250.000	149.681	40.1#	59	0.00
14	T	Allyl chloride	50.000	46.172	7.7	97	0.00
15	T	Acrylonitrile	250.000	239.089	4.4	104	0.00
16	T	Acetone	250.000	219.942	12.0	97	0.00
17	T	Carbon Disulfide	50.000	42.658	14.7	92	0.00
18	T	Methyl Acetate	50.000	55.558	-11.1	104	-0.01
19	T	Methyl tert-butyl Ether	50.000	50.844	-1.7	107	-0.01
20	T	Methylene Chloride	50.000	47.210	5.6	94	-0.01
21	T	trans-1,2-Dichloroethene	50.000	45.848	8.3	97	-0.01
22	T	Diisopropyl ether	50.000	49.077	1.8	101	-0.01
23	T	Vinyl Acetate	250.000	239.385	4.2	99	0.00
24	P	1,1-Dichloroethane	50.000	46.515	7.0	97	0.00
25	T	2-Butanone	250.000	237.410	5.0	105	0.00
26	T	2,2-Dichloropropane	50.000	46.160	7.7	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.521	3.0	102	0.00
28	T	Bromochloromethane	50.000	48.437	3.1	94	0.00
29	T	Tetrahydrofuran	250.000	250.866	-0.3	106	0.00
30	C	Chloroform	50.000	47.646	4.7#	102	0.00
31	T	Cyclohexane	50.000	44.051	11.9	96	-0.01
32	T	1,1,1-Trichloroethane	50.000	48.681	2.6	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.041	5.9	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	50.491	-1.0	109	0.00
36	T	1,1-Dichloropropene	50.000	47.451	5.1	98	0.00
37	T	Ethyl Acetate	50.000	41.921	16.2	87	0.00
38	T	Carbon Tetrachloride	50.000	47.973	4.1	102	0.00
39	T	Methylcyclohexane	50.000	48.598	2.8	95	0.00
40	TM	Benzene	50.000	47.956	4.1	99	0.00
41	T	Methacrylonitrile	50.000	43.852	12.3	88	0.00
42	TM	1,2-Dichloroethane	50.000	46.240	7.5	100	0.00
43	T	Isopropyl Acetate	50.000	46.894	6.2	104	0.00
44	TM	Trichloroethene	50.000	48.155	3.7	104	0.00
45	C	1,2-Dichloropropane	50.000	47.420	5.2#	99	0.00
46	T	Dibromomethane	50.000	49.016	2.0	104	0.00
47	T	Bromodichloromethane	50.000	48.667	2.7	104	0.00
48	T	Methyl methacrylate	50.000	50.240	-0.5	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	980.777	1.9	111	0.00
50	S	Toluene-d8	50.000	50.061	-0.1	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.290	0.7	106	0.00
52	CM	Toluene	50.000	48.827	2.3#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	49.836	0.3	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.943	2.1	103	0.00
55	T	1,1,2-Trichloroethane	50.000	47.907	4.2	105	0.00
56	T	Ethyl methacrylate	50.000	52.941	-5.9	109	0.00
57	T	1,3-Dichloropropane	50.000	47.649	4.7	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.132	-12.1	121	0.00
59	T	2-Hexanone	250.000	244.533	2.2	105	0.00
60	T	Dibromochloromethane	50.000	48.599	2.8	102	0.00
61	T	1,2-Dibromoethane	50.000	49.847	0.3	105	0.00
62	S	4-Bromofluorobenzene	50.000	52.330	-4.7	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	49.057	1.9	102	0.00
65	PM	Chlorobenzene	50.000	48.054	3.9	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.572	2.9	106	0.00
67	C	Ethyl Benzene	50.000	49.553	0.9#	102	0.00
68	T	m/p-Xylenes	100.000	100.439	-0.4	101	0.00
69	T	o-Xylene	50.000	50.634	-1.3	103	0.00
70	T	Styrene	50.000	51.542	-3.1	103	0.00
71	P	Bromoform	50.000	49.161	1.7	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	47.666	4.7	99	0.00
74	T	N-amyl acetate	50.000	46.911	6.2	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.535	10.9	105	0.00
76	T	1,2,3-Trichloropropane	50.000	43.695	12.6	101	0.00
77	T	Bromobenzene	50.000	47.118	5.8	102	0.00
78	T	n-propylbenzene	50.000	48.996	2.0	102	0.00
79	T	2-Chlorotoluene	50.000	48.206	3.6	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.592	-1.2	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.383	5.2	110	0.00
82	T	4-Chlorotoluene	50.000	47.922	4.2	102	0.00
83	T	tert-Butylbenzene	50.000	51.761	-3.5	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.280	1.4	100	0.00
85	T	sec-Butylbenzene	50.000	50.003	-0.0	101	0.00
86	T	p-Isopropyltoluene	50.000	50.999	-2.0	101	0.00
87	T	1,3-Dichlorobenzene	50.000	48.843	2.3	104	0.00
88	T	1,4-Dichlorobenzene	50.000	47.461	5.1	105	0.00
89	T	n-Butylbenzene	50.000	50.225	-0.5	102	0.00
90	T	Hexachloroethane	50.000	48.640	2.7	102	0.00
91	T	1,2-Dichlorobenzene	50.000	48.290	3.4	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.983	8.0	113	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.656	-1.3	108	0.00
94	T	Hexachlorobutadiene	50.000	50.847	-1.7	107	0.00
95	T	Naphthalene	50.000	52.021	-4.0	112	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.813	0.4	107	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6